



FEMA



Prepared by:
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday, May 14, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Elevated to **Critical** fire weather conditions over **NM/W TX** into the **TX/OK** Panhandles.
- Slight risk area for severe thunderstorms across **W&N OK** into **NW TX**.
- Marginal risk area for strong/severe thunderstorms across **W TX/OK**.

Tuesday

- Elevated fire weather conditions for **NM** into **Far West TX**.
- Marginal risk area for strong/severe thunderstorms across **NW TX** into **SW OK**.

Wednesday

- Marginal risk area for strong/severe thunderstorms across **W TX** into the **TX/OK** Panhandles.

Thursday - Friday

- No significant weather impacts expected.

Tropical Outlook

- An area of cloudiness with showers & thunderstorms over the **SE Gulf of Mexico** could acquire subtropical or tropical characteristics while it moves northward across the **E Gulf of Mexico**.
- **NO impacts to FEMA Region 6 are expected**
 - Formation chances in 48 hours...low...30 percent.
 - Formation chances in 5 days...medium...40 percent.

FEMA Region 6 Threat Matrix

May 14, 2018 – May 18, 2018



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	W&N OK, NW TX	NW TX/SW OK	WTX into the TX/OK Panhandles		
	WTX/OK				
Heavy Rain / Flash Flooding					
Fire Weather	NM/ WTX TX/OK Panhandles	NM/Far West TX			
Tropical Weather					
River Flooding	AR/LA				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

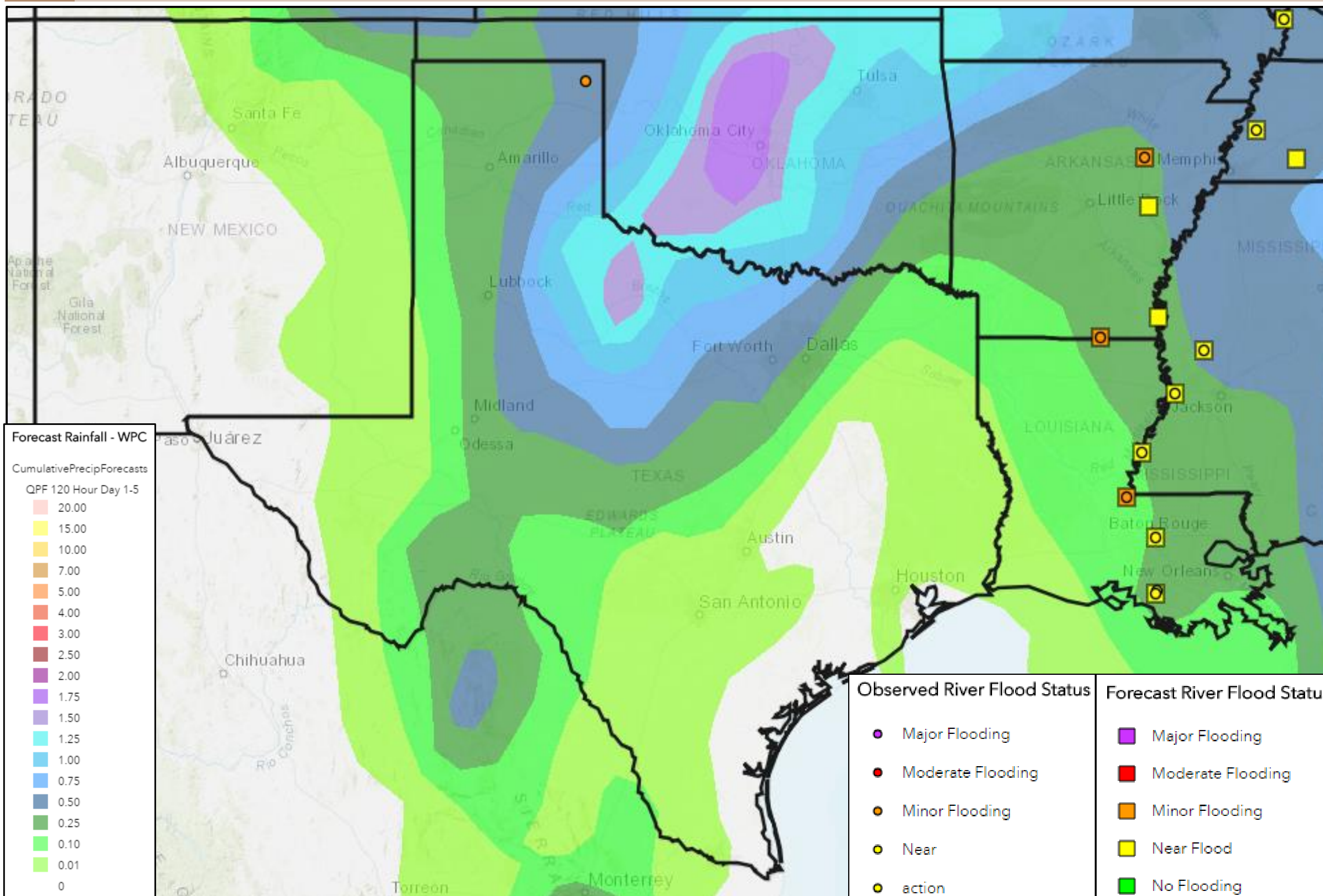
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

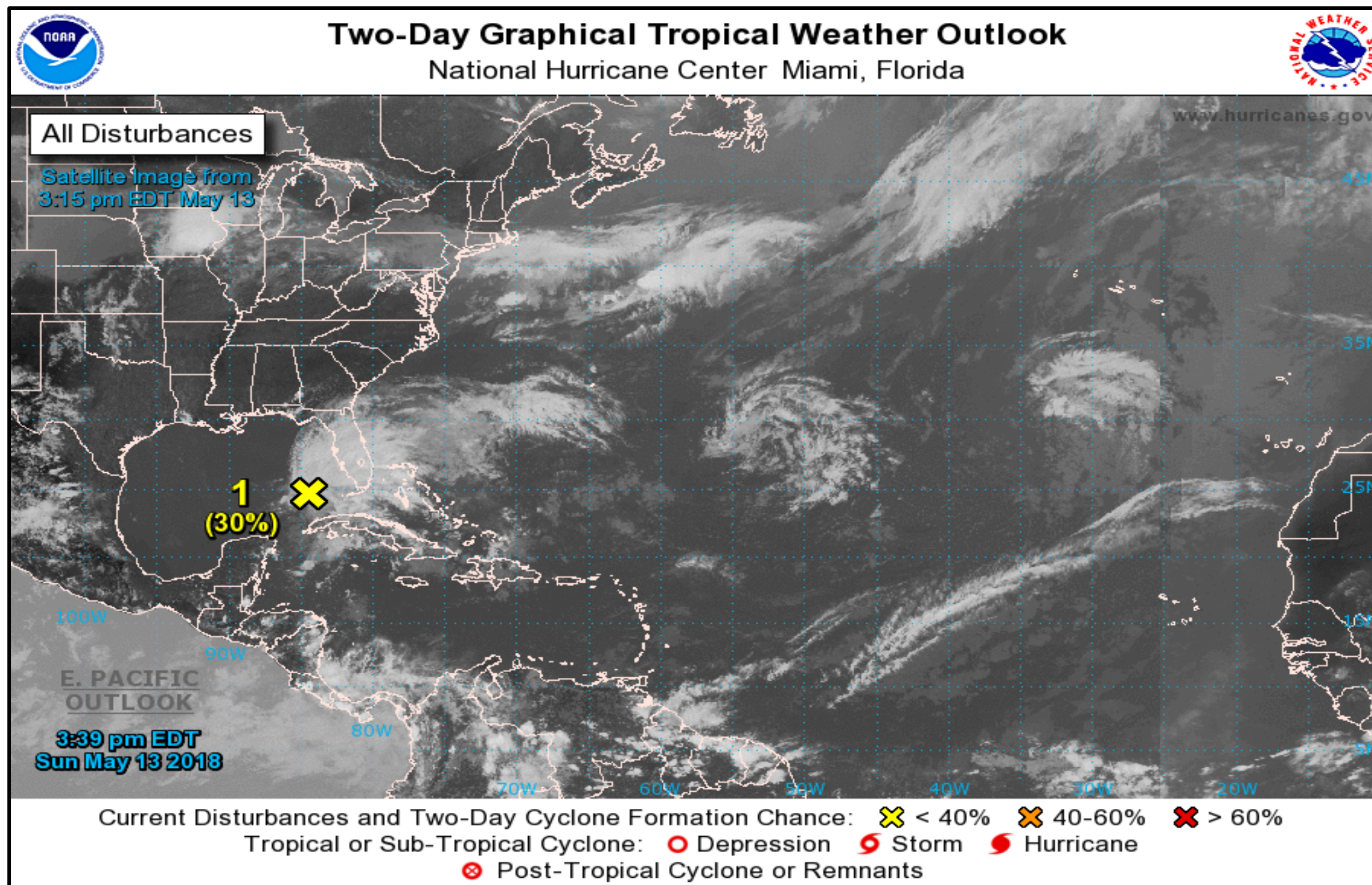
Minor river flooding continues at a few locations in AR and LA.



Tropical Weather Outlook



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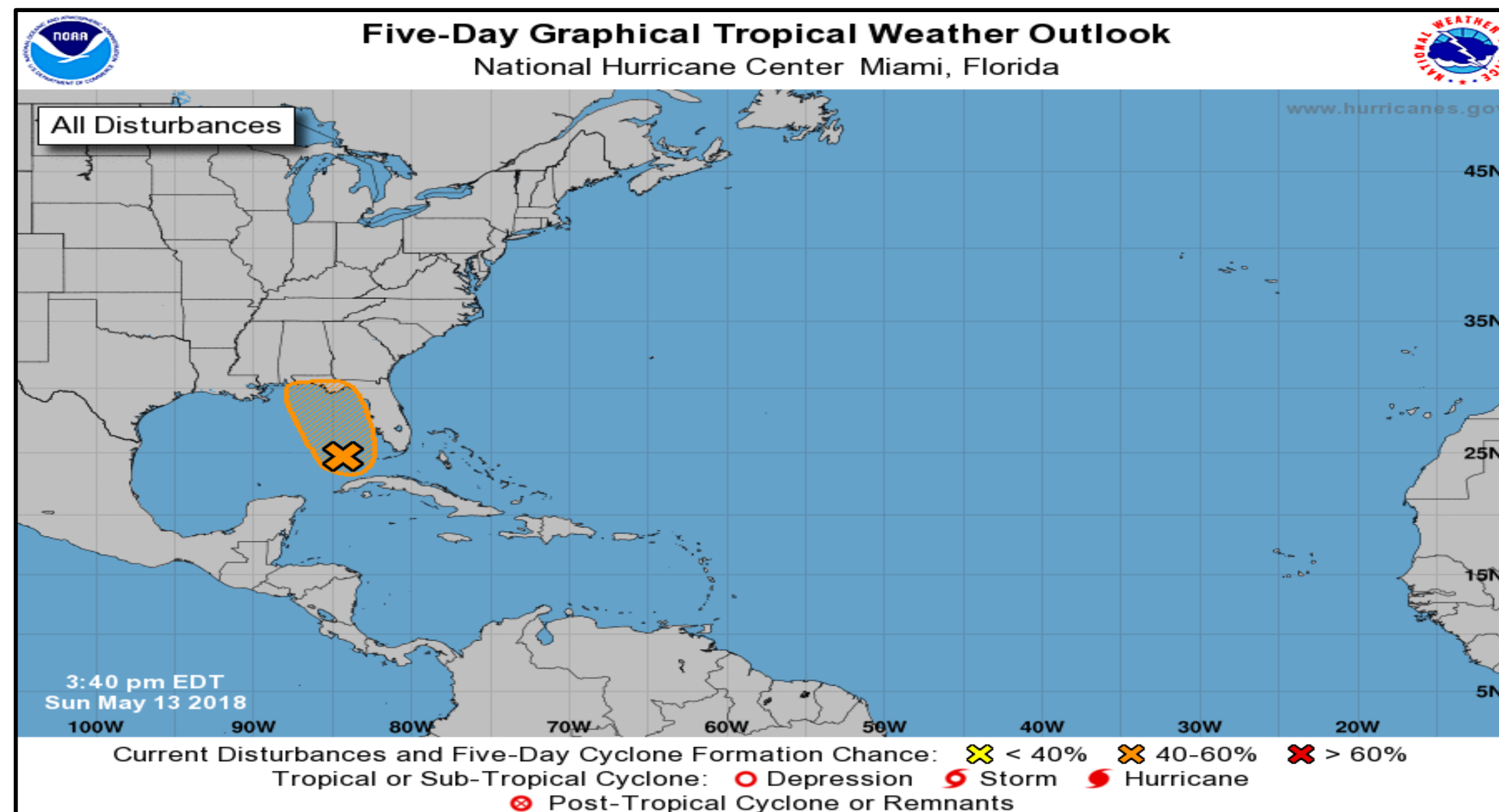


Potential impacts to FEMA Region 6:
No impacts to FEMA Region 6 are expected.

A broad surface low and trough is interacting with an upper-level low in the southeastern Gulf of Mexico. This system could acquire some subtropical or tropical characteristics while it moves slowly northward across the eastern Gulf of Mexico during the next few days. Regardless of subtropical or tropical cyclone formation, this system will enhance rainfall across portions of Florida and the northeastern Gulf Coast during the next few days.

Formation chance through 48 hours...low...30 percent.

Formation chance through 5 days...medium...40 percent.

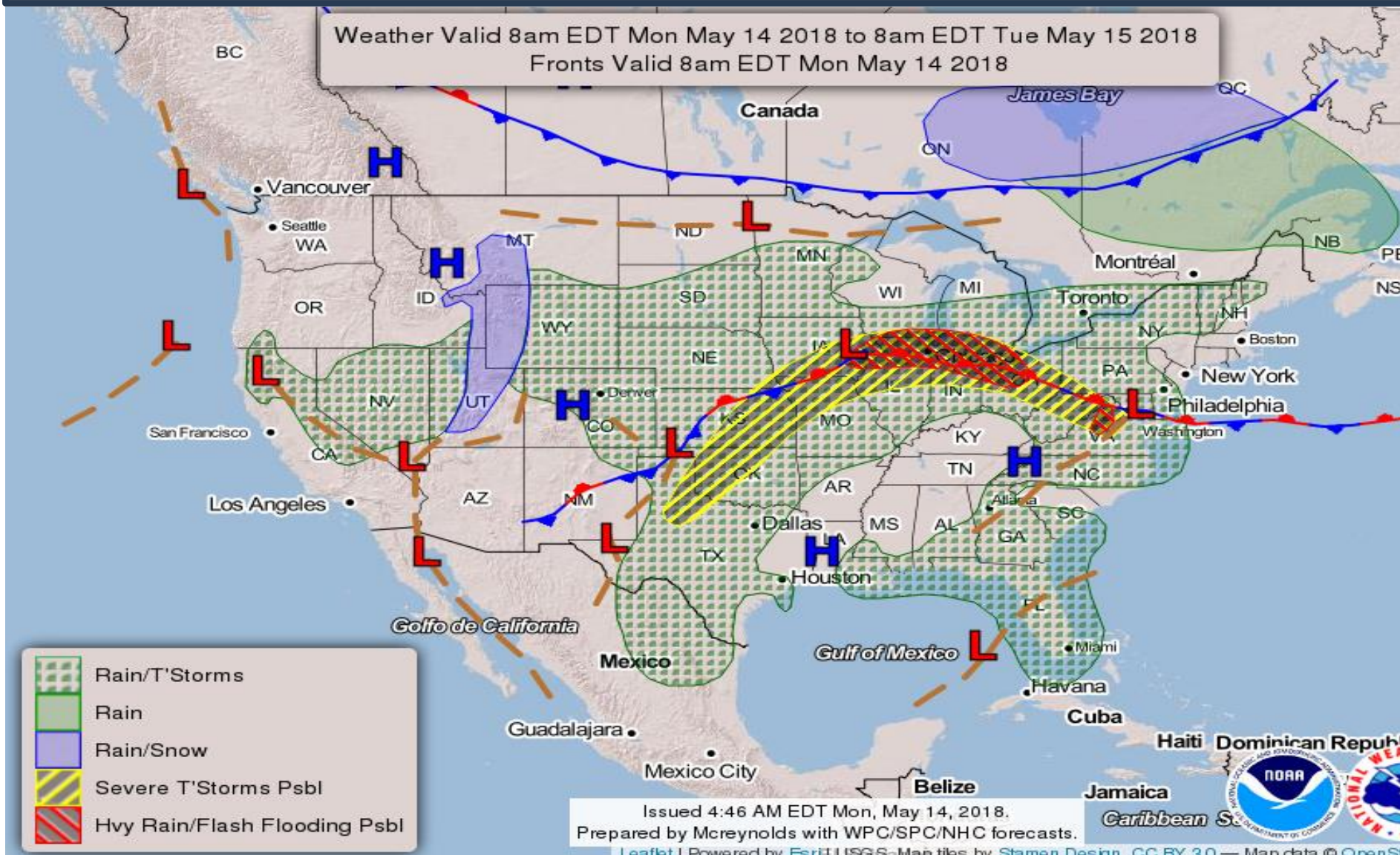


Today's Weather

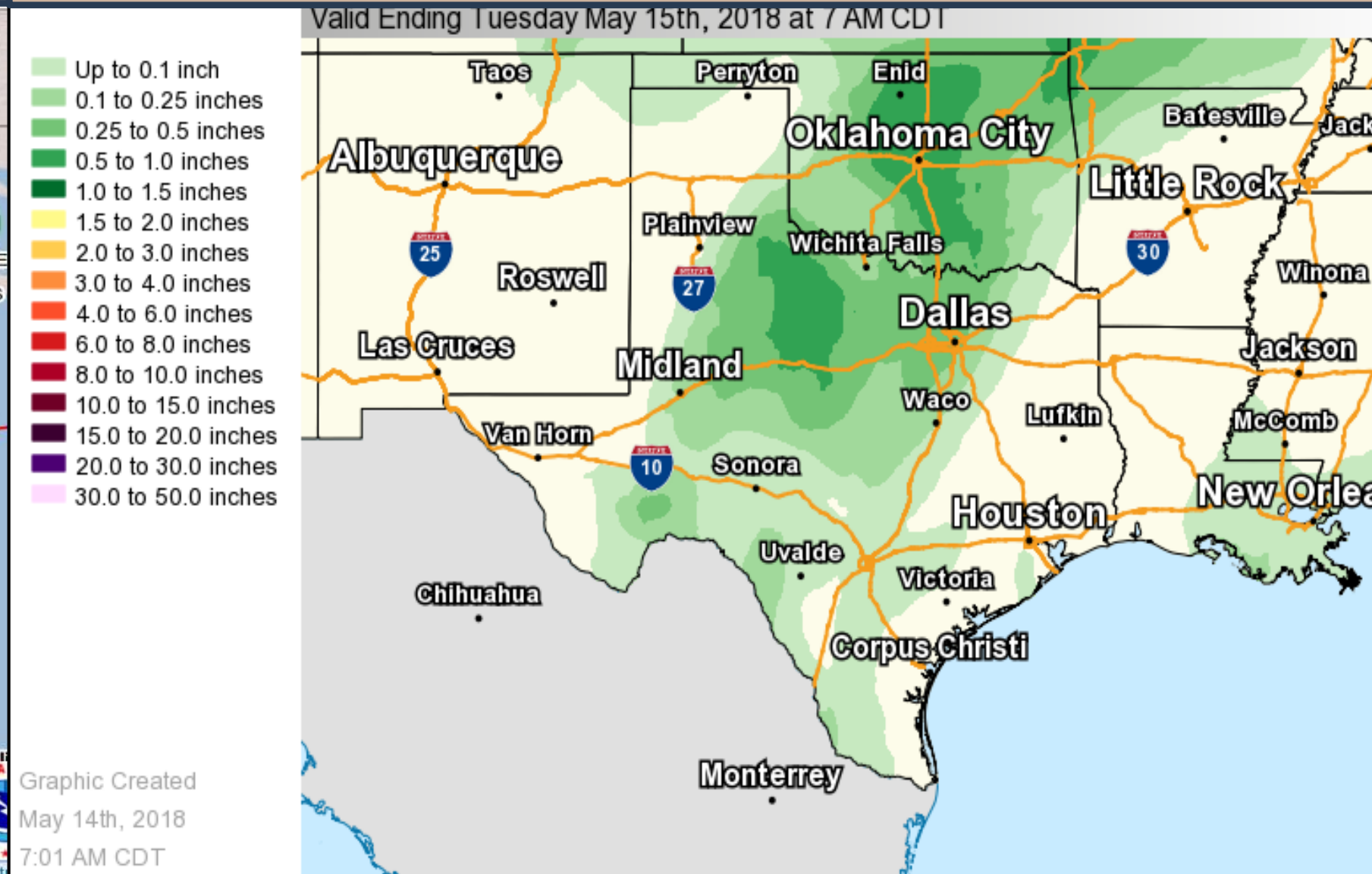


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Forecast Chart



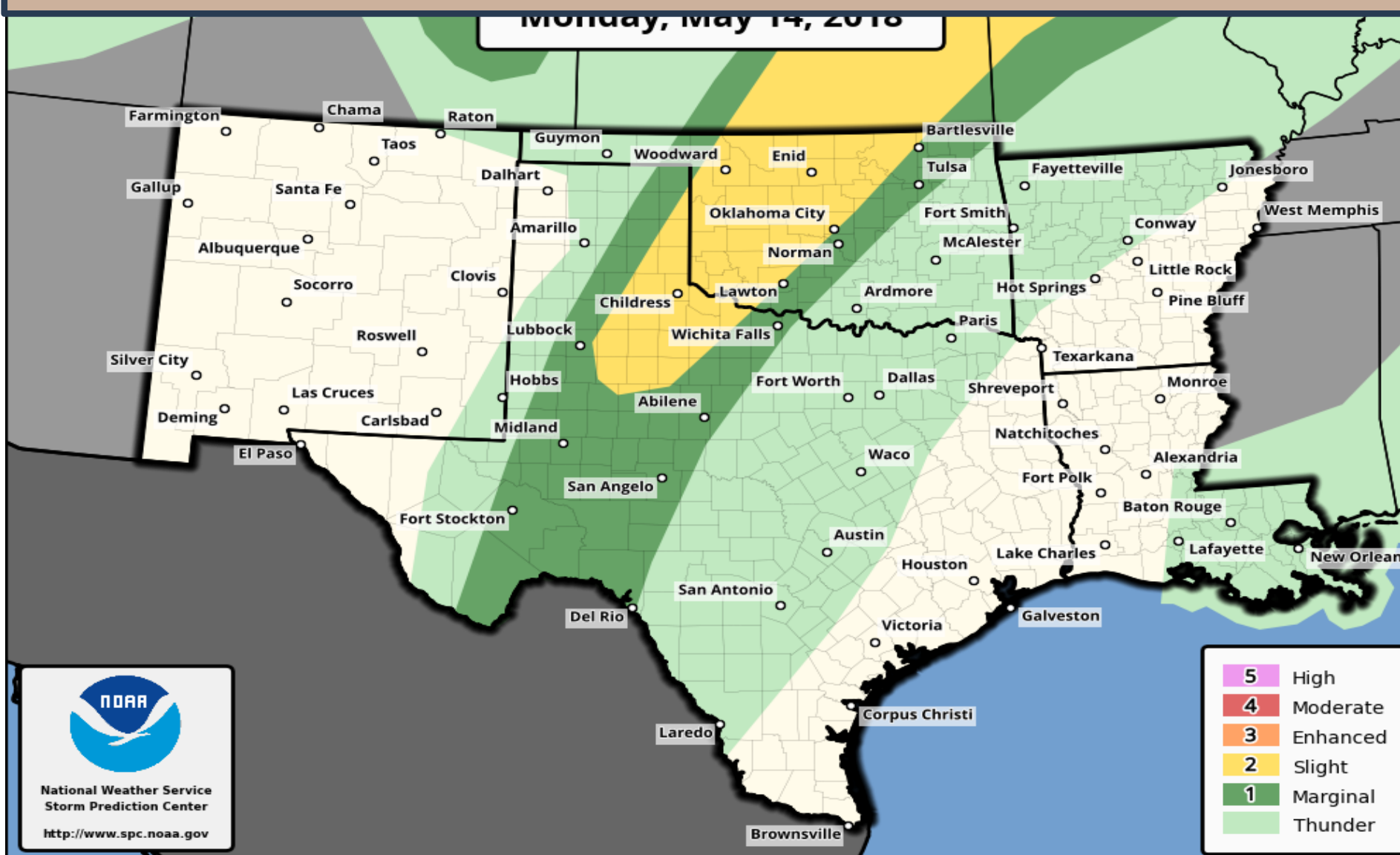
Forecast Rainfall



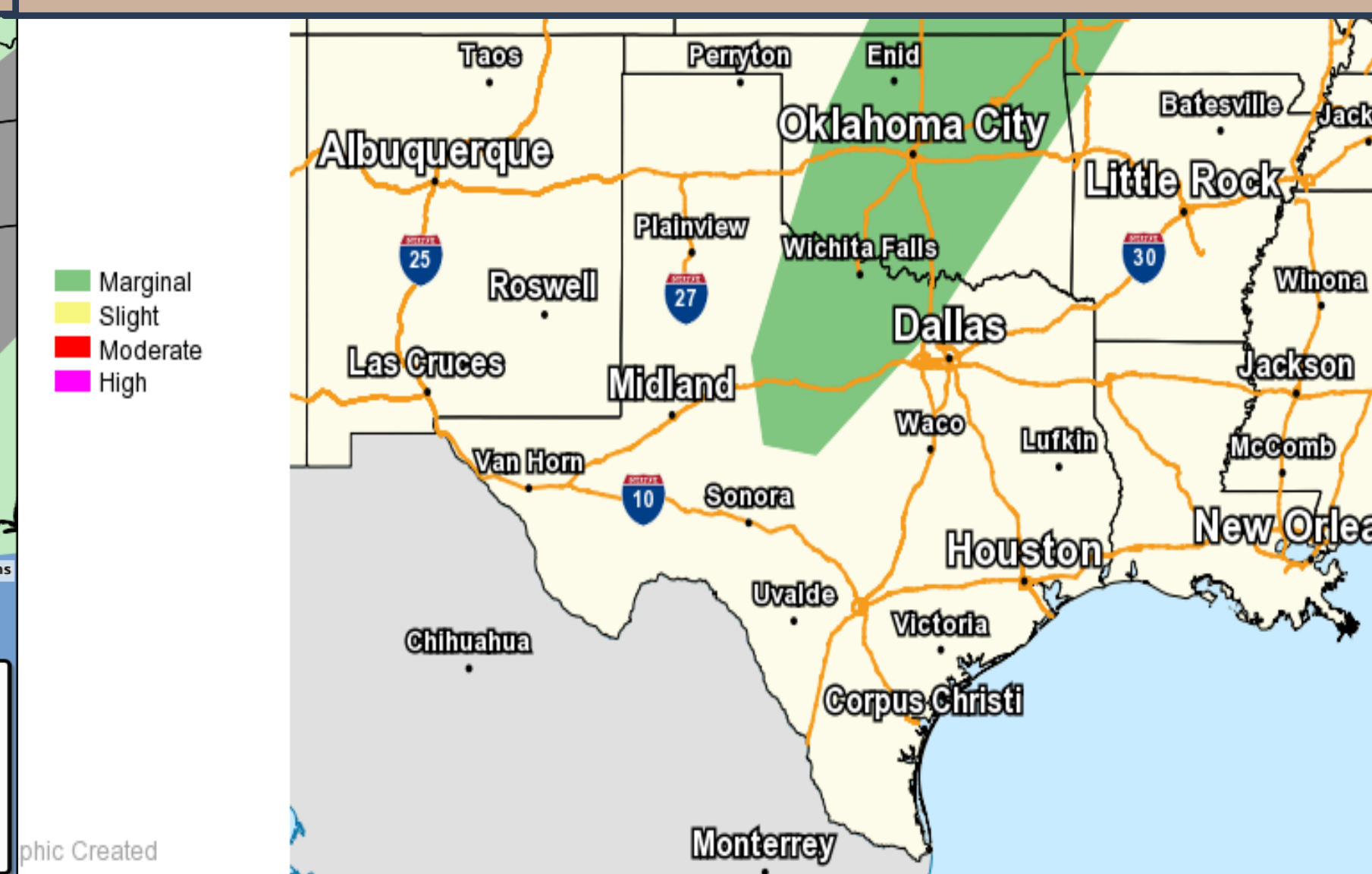
Slight risk area for severe thunderstorms across N&W OK into NW TX. Damaging winds/hail are the primary threats.

Marginal Risk area for severe thunderstorms over WTX into OK. Damaging winds/hail are the primary threats.

Severe Weather Outlook



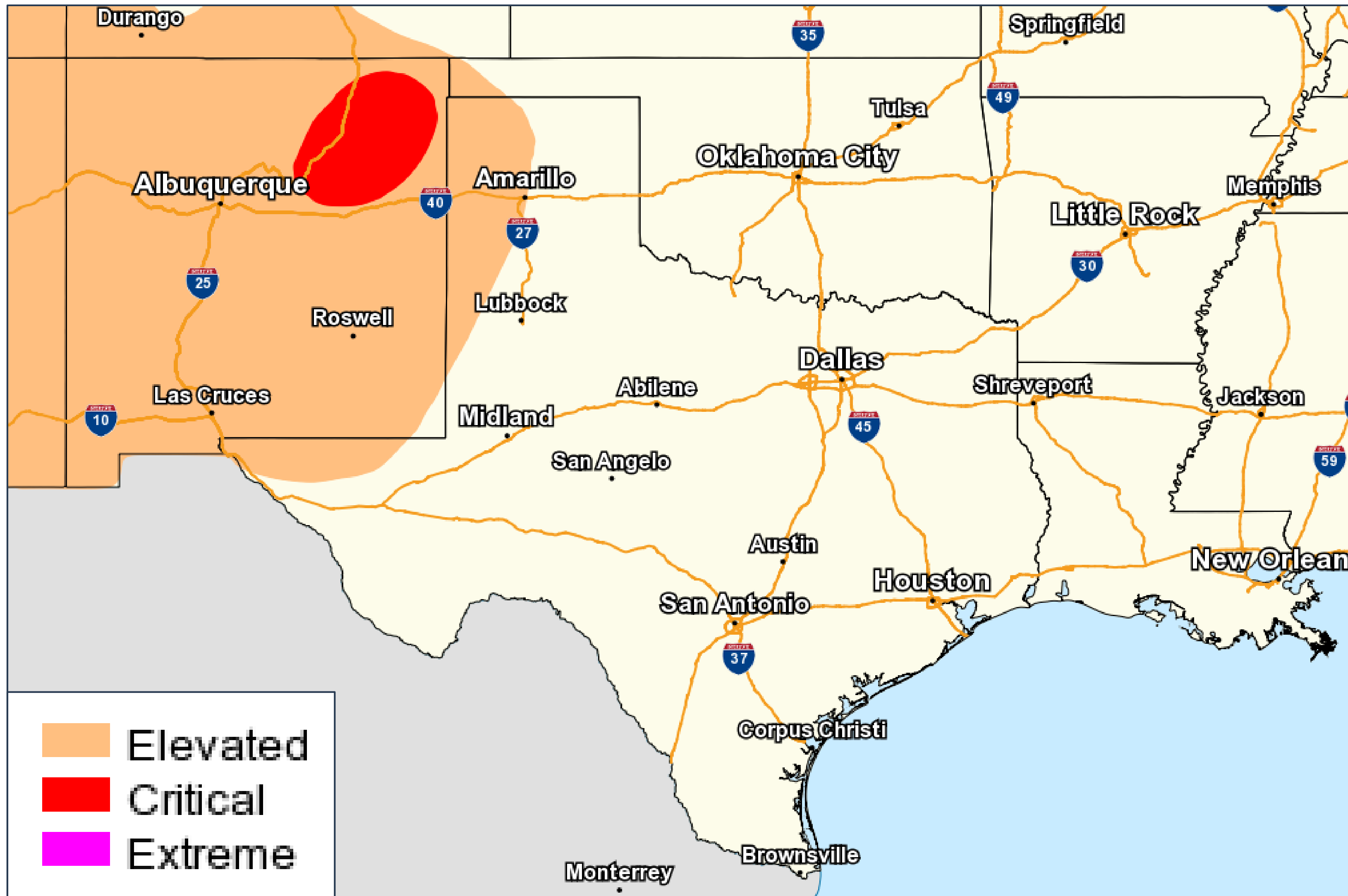
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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Elevated to critical fire weather conditions expected today across NM/W TX into the TX/OK Panhandles.

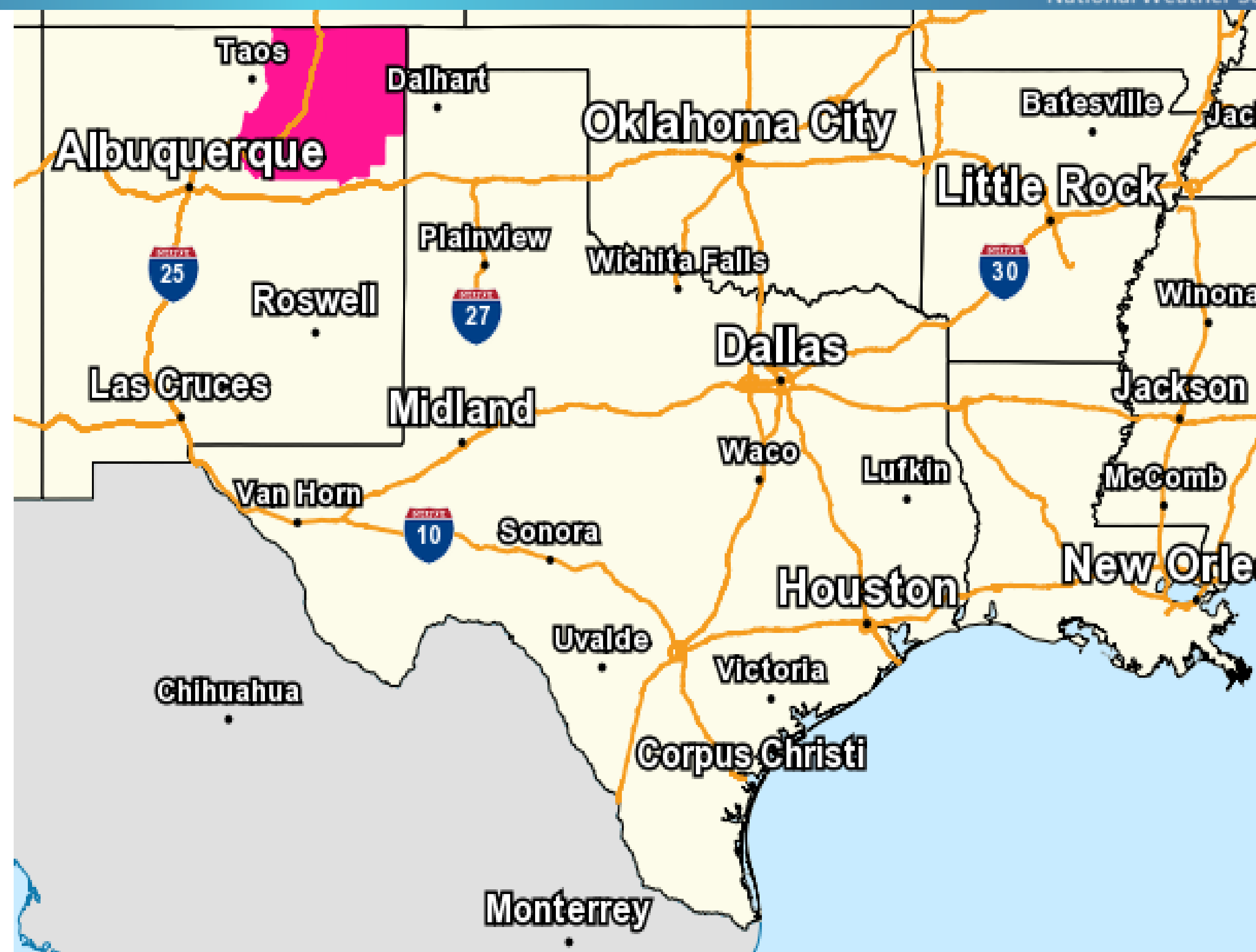
Today's Fire Weather Watches/Warnings



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Fire Weather Watches and Warnings

National Weather Service



Red Flag Warning

Red Flag Warnings have been posted for NE NM for critical fire weather conditons.

Graphic Created

Tomorrow's Weather

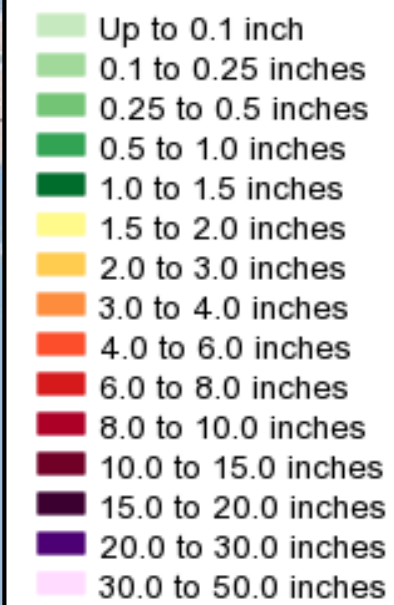
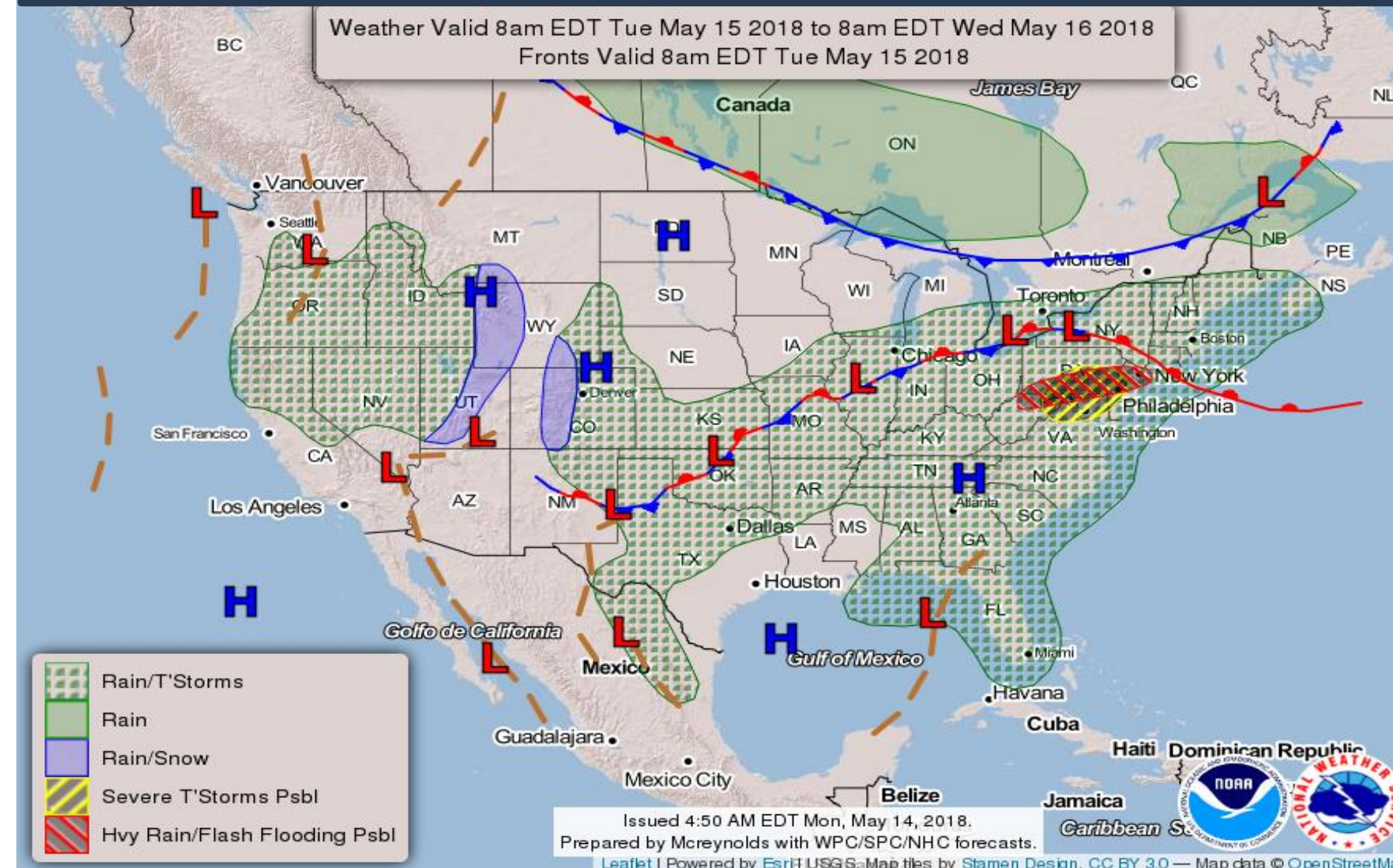


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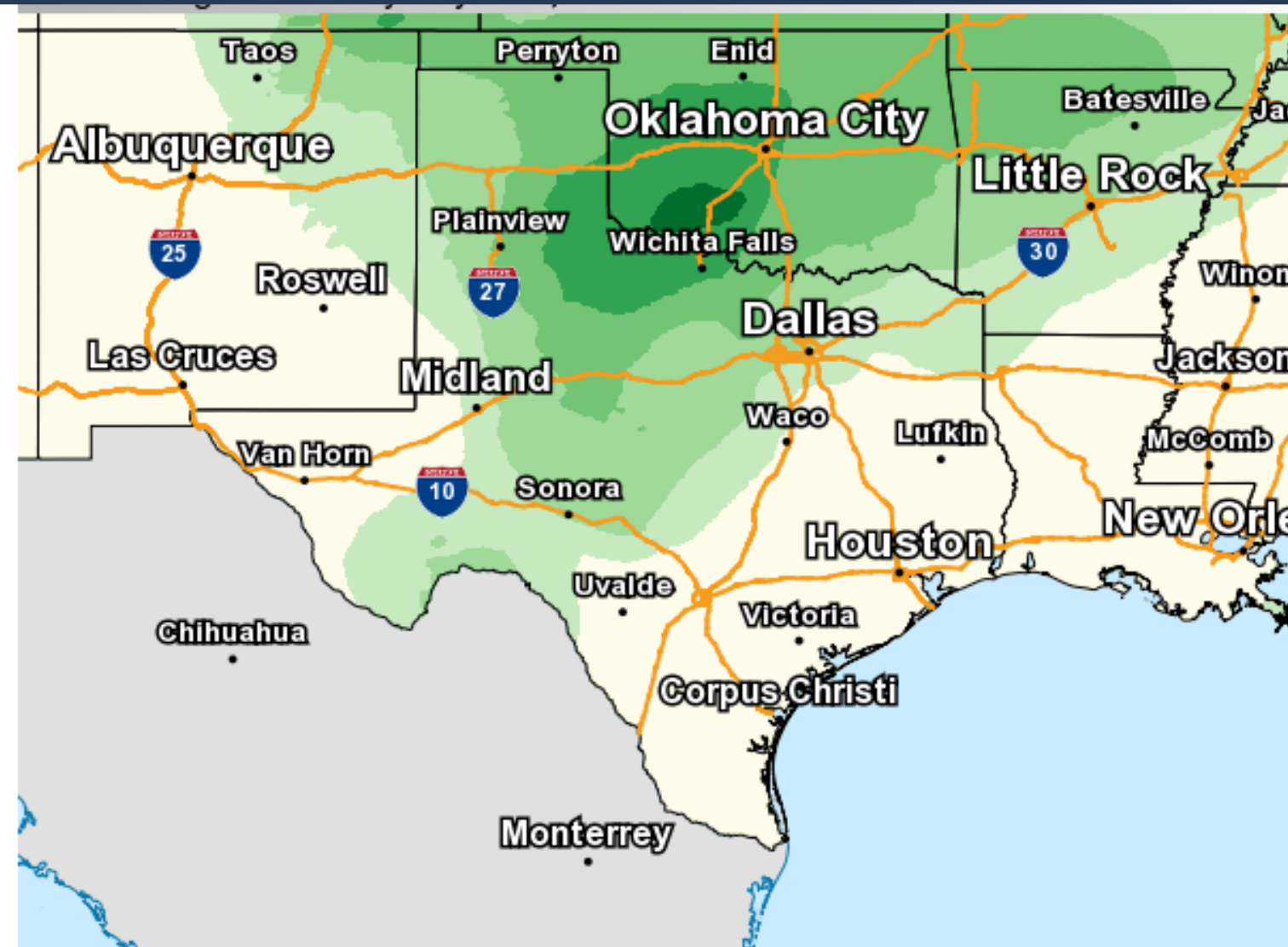
Forecast Chart

Forecast Rainfall

Marginal Risk area for severe thunderstorms over WTX into SW OK. Damaging winds/hail are the primary threats.

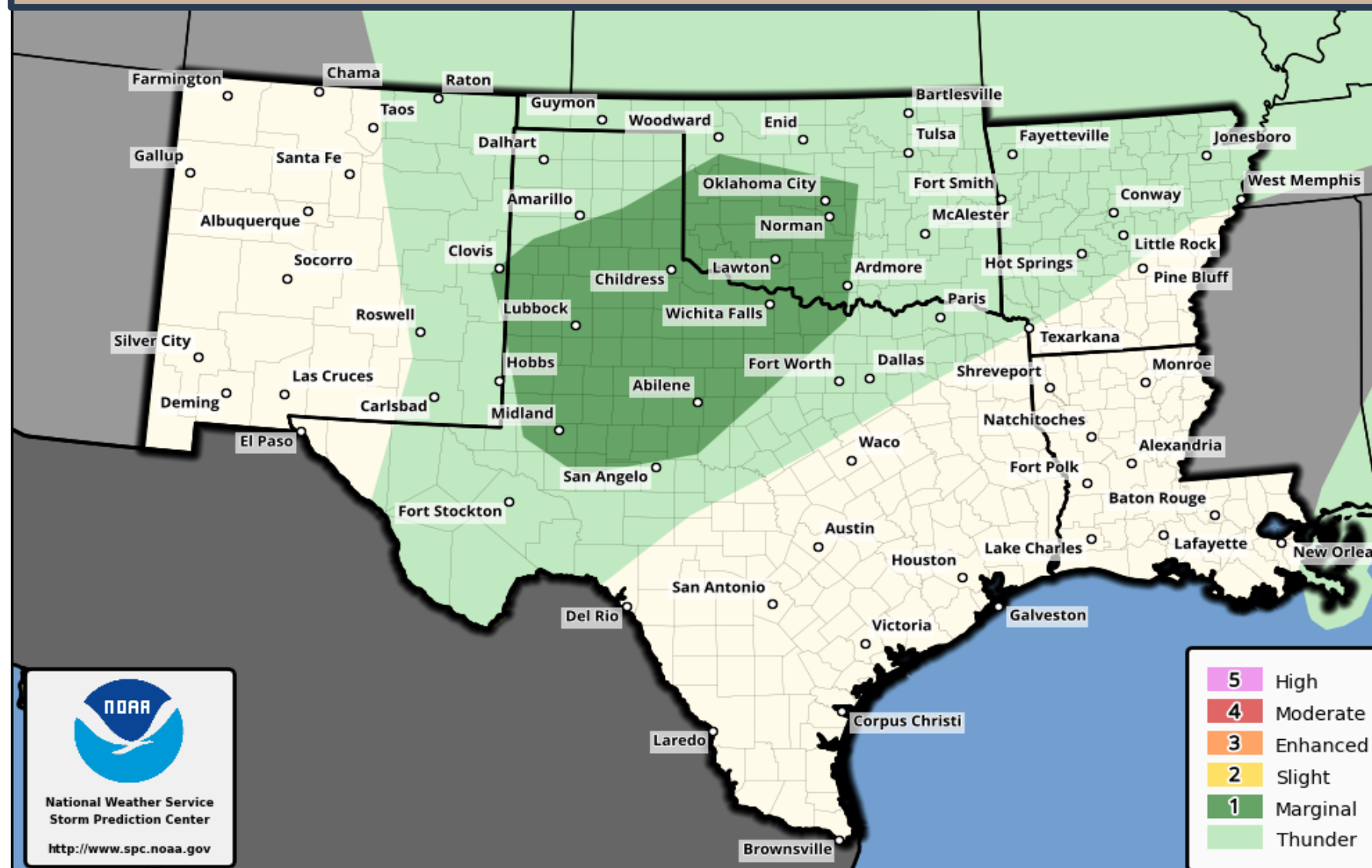


Graphic Created
May 14th, 2018
7:02 AM CDT

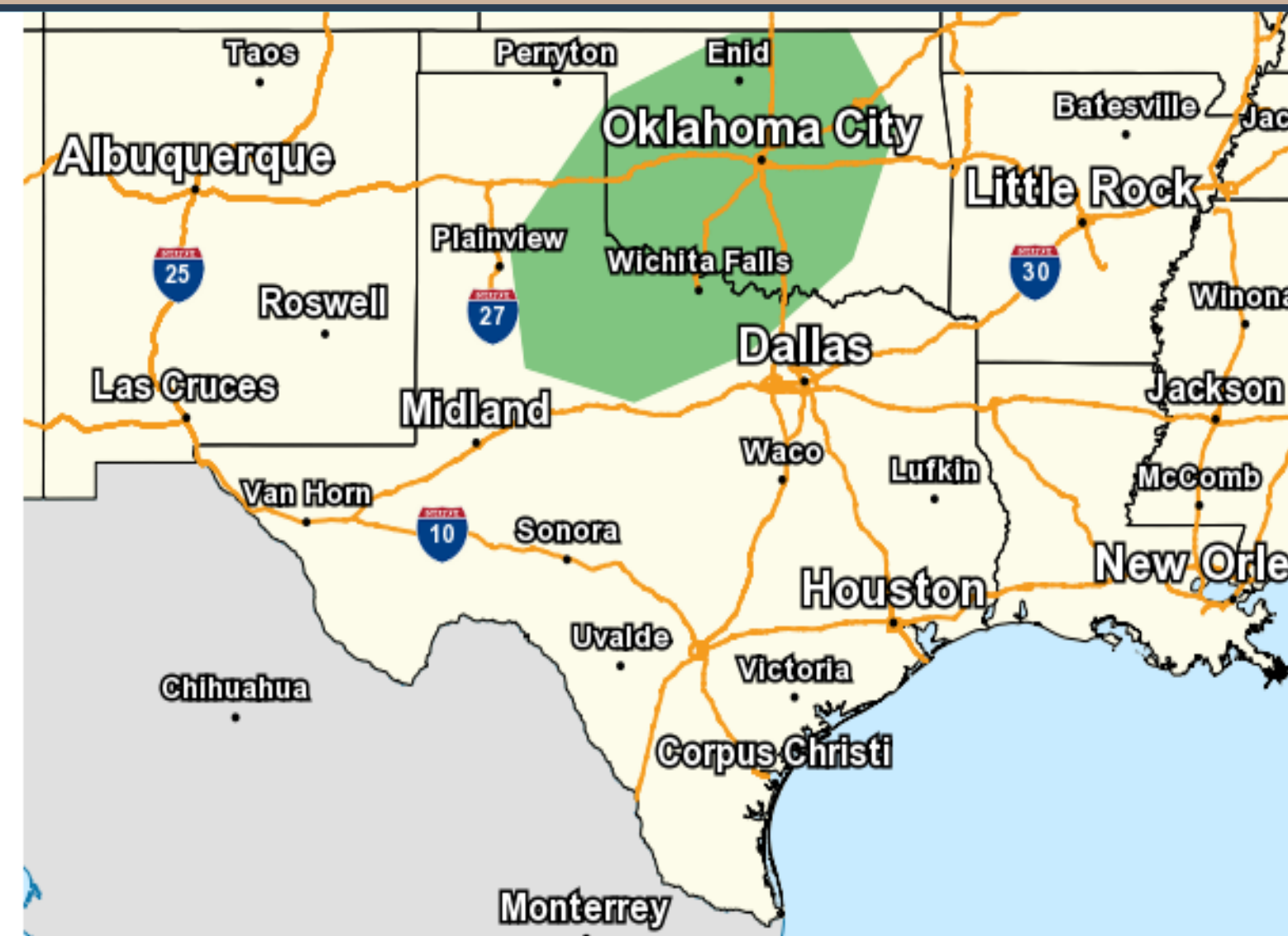


Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created

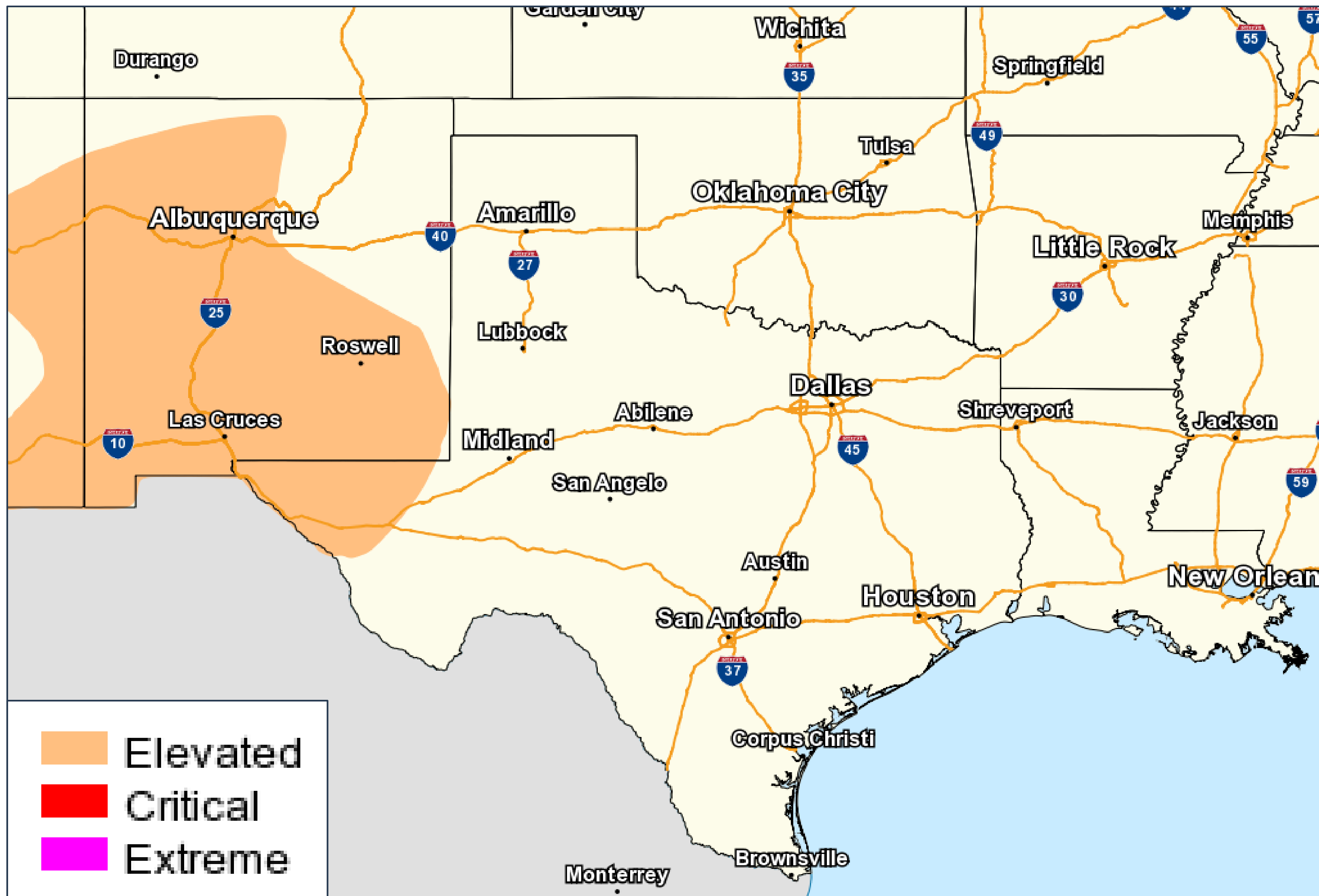


Tomorrow's Fire Weather Outlook



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**Elevated fire weather conditions
expected tomorrow across
NM into Far West TX.**

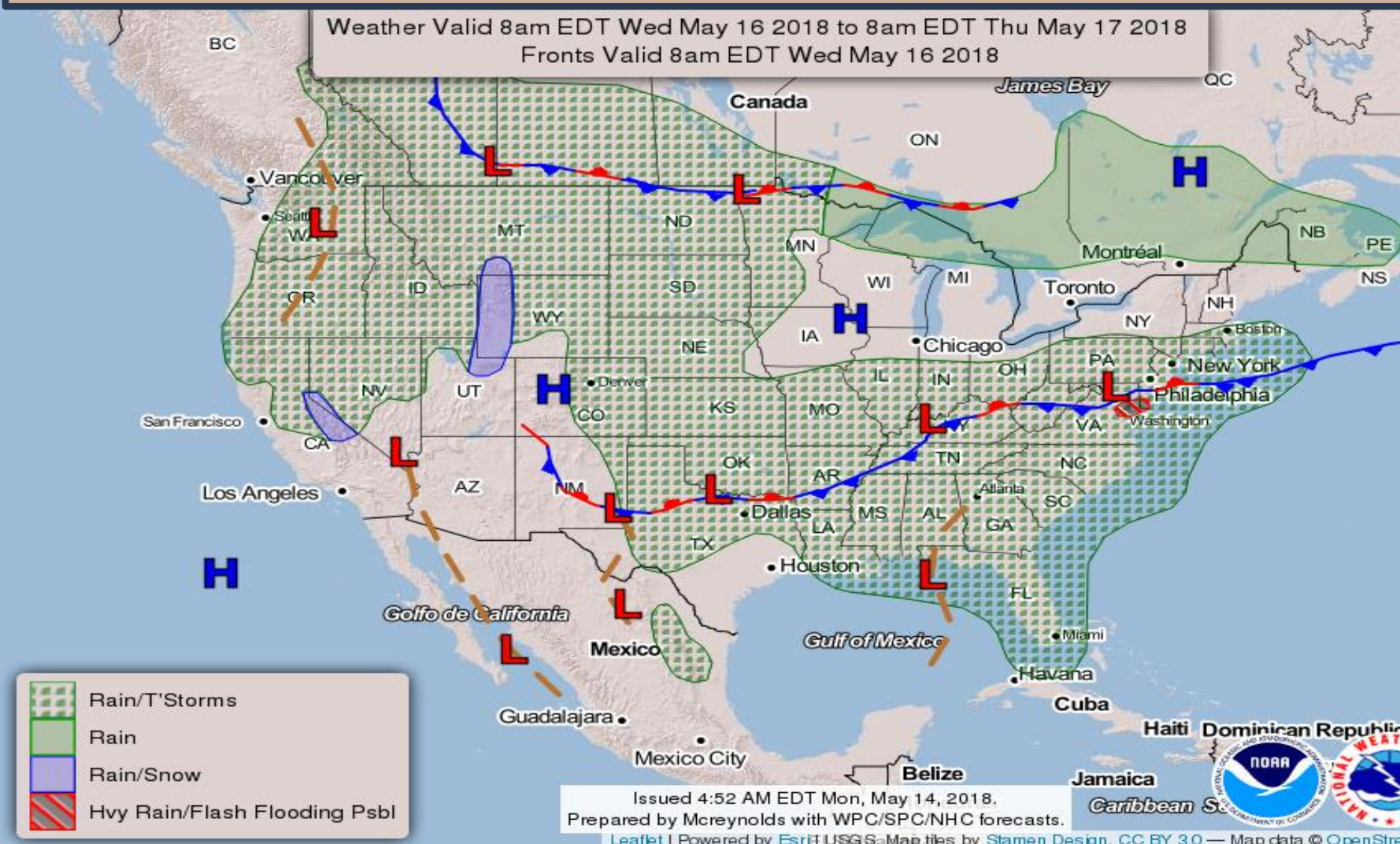


Wednesday's Weather

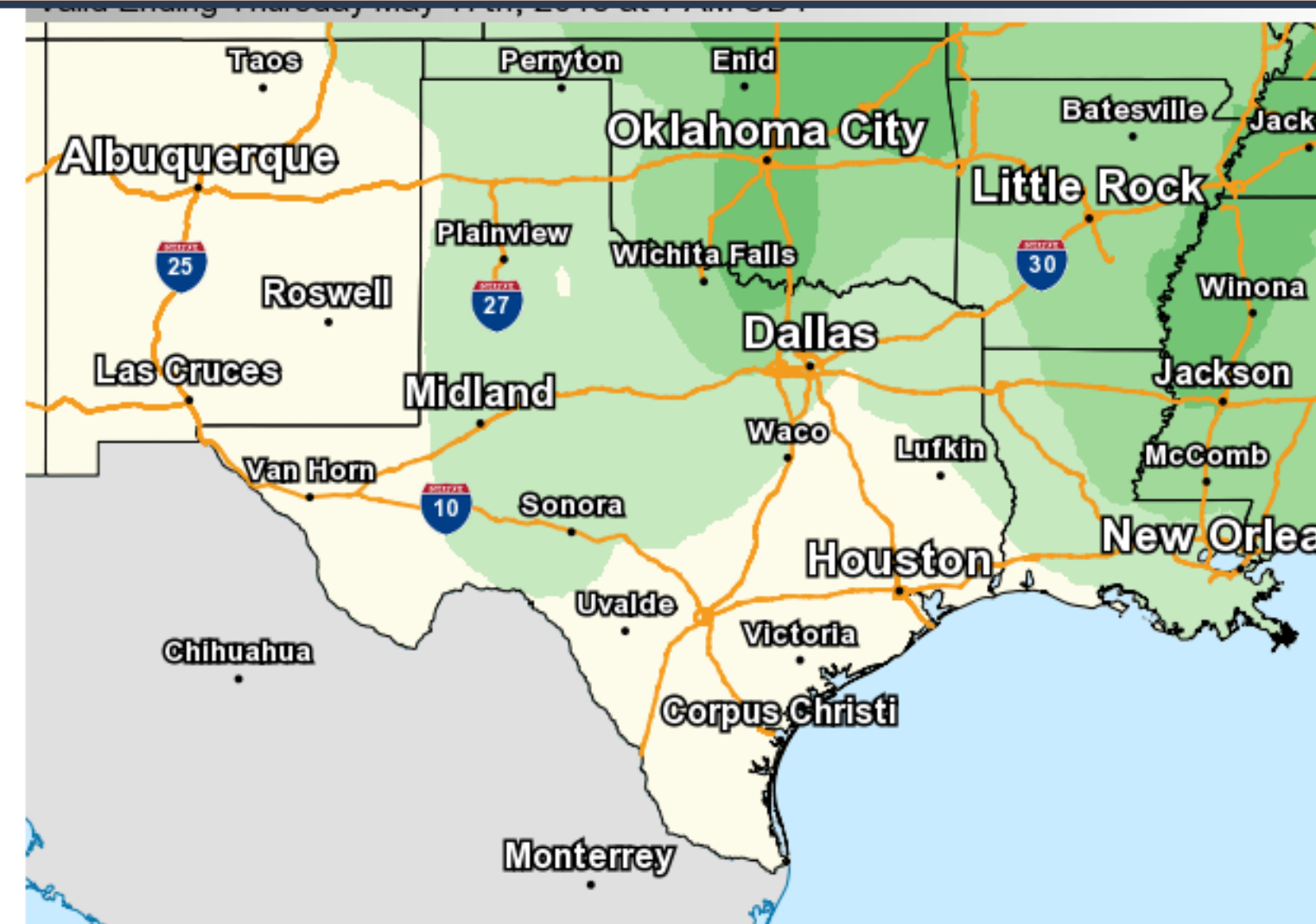
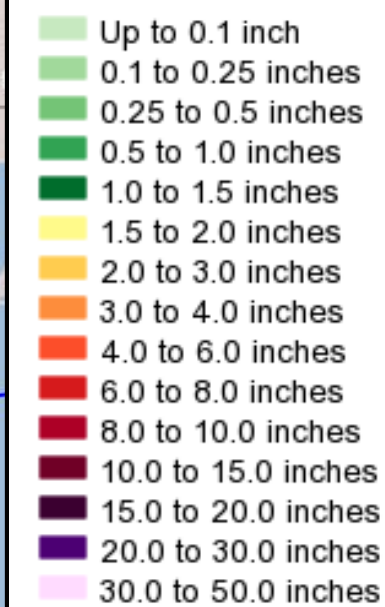


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Forecast Chart



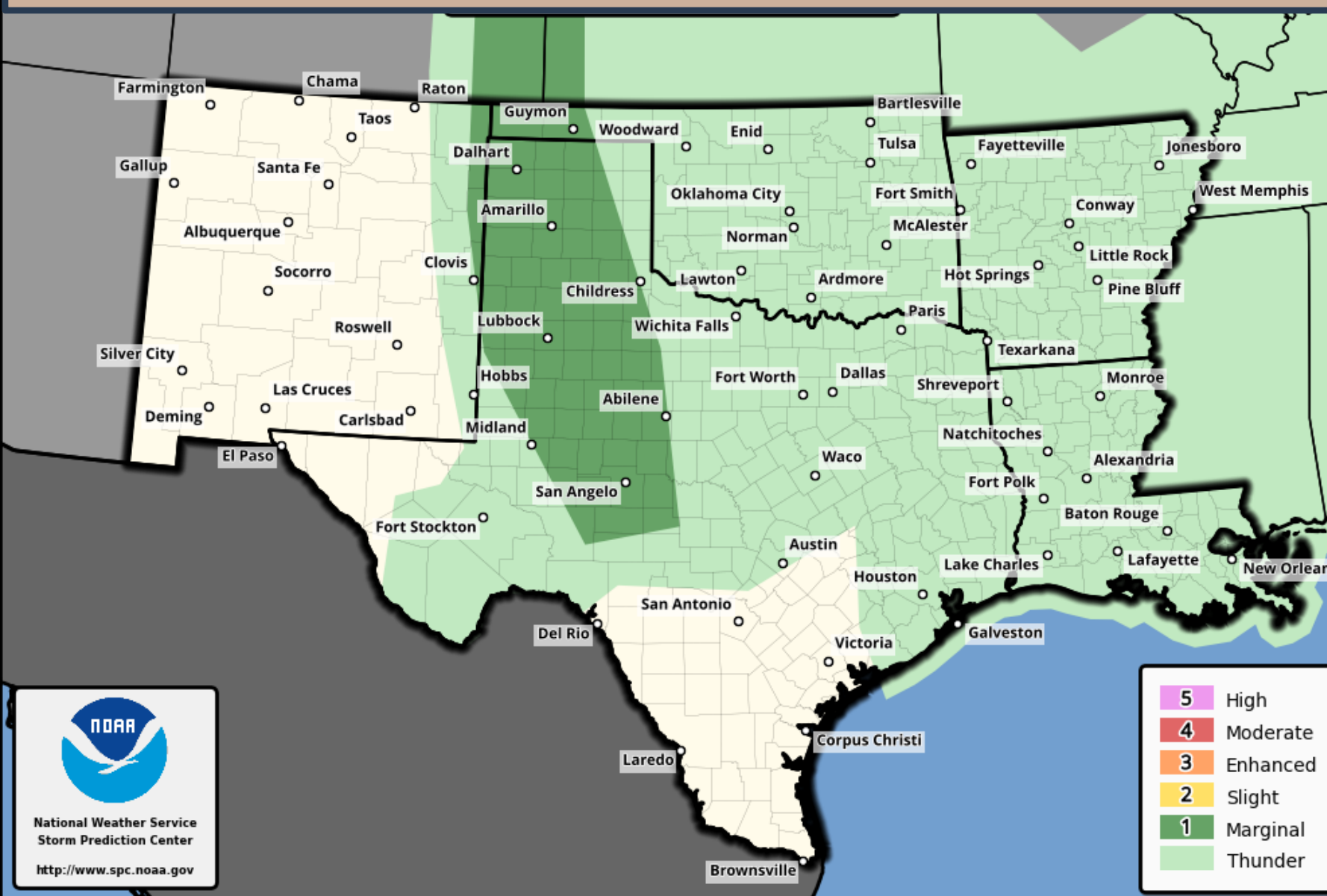
Forecast Rainfall



Graphic Created
May 14th, 2018

Marginal Risk area for severe thunderstorms over WTX into the TX/OK Panhandles. Damaging winds/hail are the primary threats.

Severe Weather Outlook



Excessive Rainfall Outlook



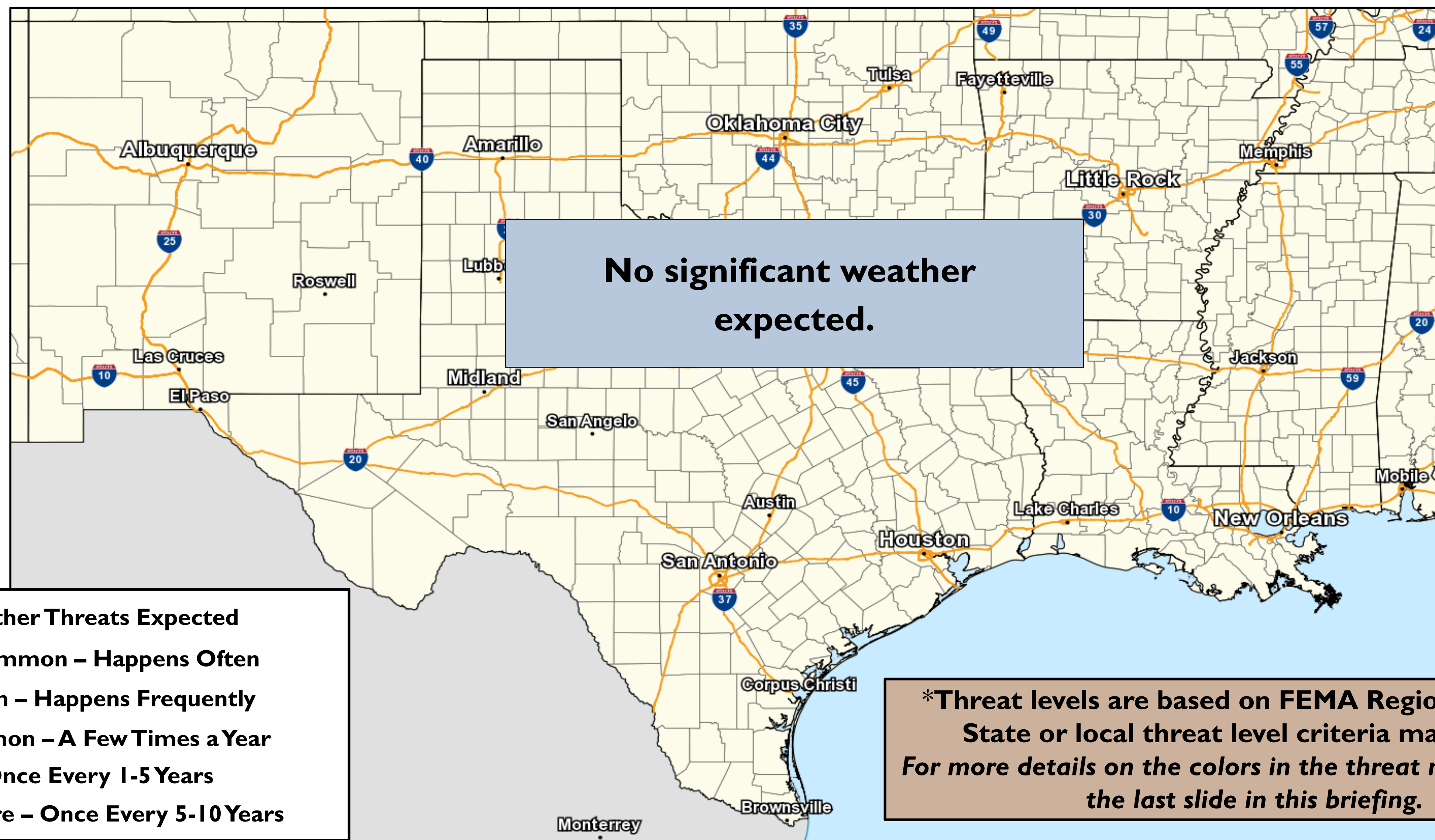
Graphic Created

Days 4-5 Weather Hazards

Thursday - Friday



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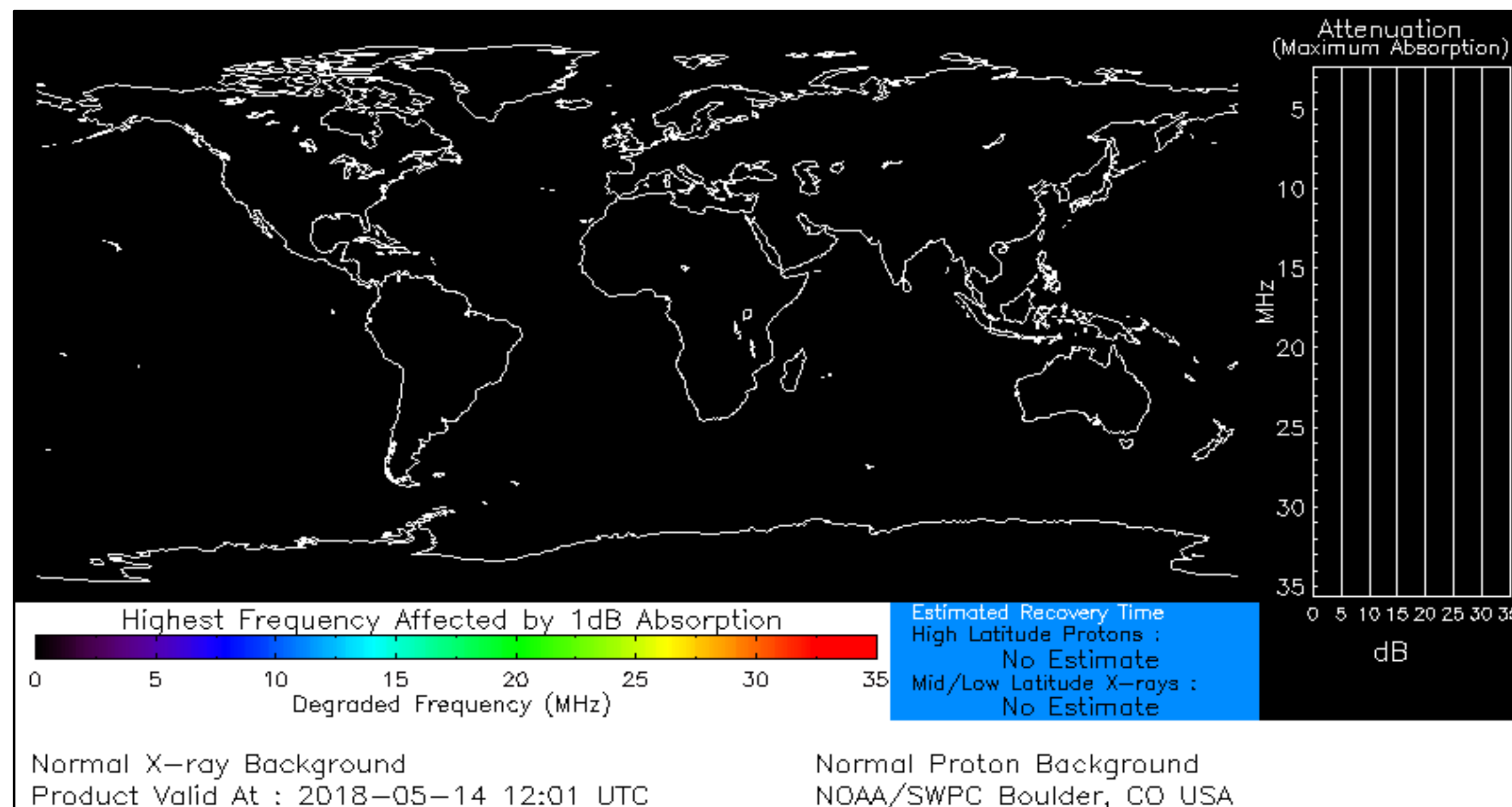


Space Weather 3-Day Forecast



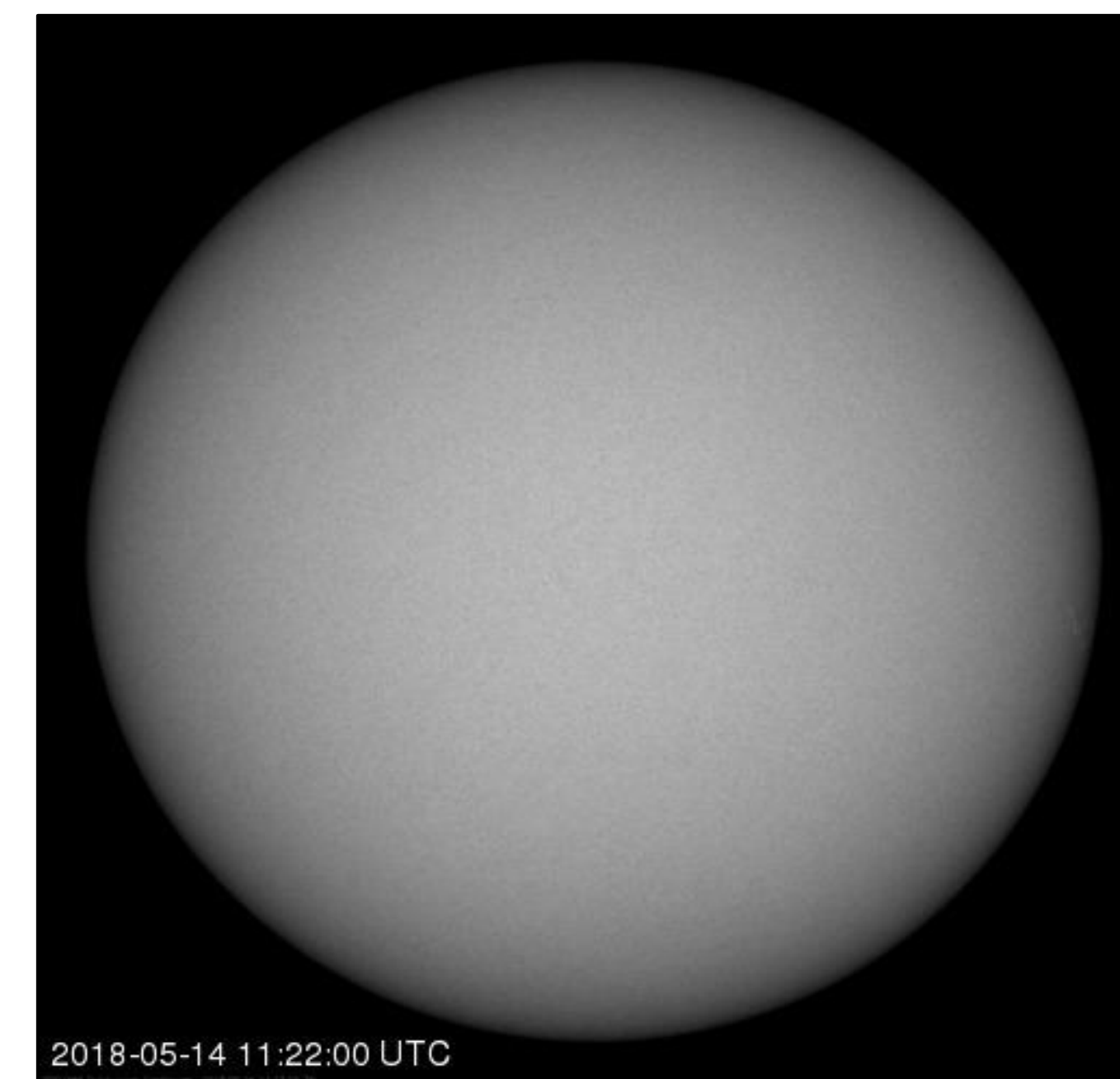
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





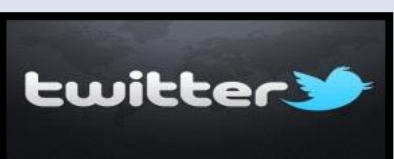
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none">Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few treesSomething that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none">2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possibleScattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none">A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likelyNumerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hailSome large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none">A Category 1 hurricane will be moving towards the NW Gulf in the next few daysWidespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hailLarge fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none">A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrowWidespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.